Index of Claims

| Appl | ication | Control | No. |
|------|---------|---------|-----|
|------|---------|---------|-----|

10/709,442

Examiner

BERG, ERIC P.

Applicant(s)/Patent under Reexamination

**Art Unit** 

William Bangachon

2635

Rejected Allowed

(Through numeral)
Cancelled

Restricted

| Z | Non-Elected  |
|---|--------------|
|   | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | aim      |           |                                                  |          |               | Date     | e                 |          |          |             |               | Cla   | aim      |                 |          |                 | Da           | ate      | <u> </u>                                         |                    |               |              | Cla   | aim      |                                                  |          |           | Dat                                              | e                                                |               |   |                                                  |
|----------|----------|-----------|--------------------------------------------------|----------|---------------|----------|-------------------|----------|----------|-------------|---------------|-------|----------|-----------------|----------|-----------------|--------------|----------|--------------------------------------------------|--------------------|---------------|--------------|-------|----------|--------------------------------------------------|----------|-----------|--------------------------------------------------|--------------------------------------------------|---------------|---|--------------------------------------------------|
|          |          |           | $\prod$                                          |          |               |          |                   |          |          |             |               |       |          |                 |          |                 |              |          |                                                  |                    |               |              |       |          |                                                  | 7        | T         |                                                  |                                                  |               |   |                                                  |
| ন্তু -   | Original | 9/19/05   |                                                  |          |               |          |                   |          |          |             |               | व     | Original |                 |          |                 |              |          | i i                                              |                    |               |              | त्त   | Original |                                                  |          |           |                                                  |                                                  |               |   |                                                  |
| Final    | rig      | /19       |                                                  |          |               |          |                   |          |          |             |               | Final | rig      |                 |          |                 |              |          |                                                  |                    |               | :::[         | Final | rigi     |                                                  |          |           |                                                  |                                                  |               |   |                                                  |
|          | 0        | <b>တ</b>  |                                                  |          |               |          |                   |          | ŀ        |             |               |       | 0        |                 |          |                 |              |          |                                                  |                    |               |              |       | 0        |                                                  |          |           |                                                  |                                                  |               |   |                                                  |
|          | 1        | 1         |                                                  |          |               |          |                   |          |          | :           |               |       | 51       |                 |          |                 | $\top$       | 1        |                                                  |                    |               |              |       | 101      |                                                  |          | +         | <del> </del>                                     | <del> </del>                                     |               |   |                                                  |
|          | 2        | ì         | 1                                                |          |               |          |                   |          |          | 1:          |               |       | 52       |                 |          |                 | +            | 1        | 1                                                |                    |               |              |       | 102      |                                                  |          |           | +                                                | 十                                                |               |   |                                                  |
| <u> </u> | 3        | 1         | 1                                                |          |               |          |                   |          |          |             |               |       | 53       | 1               | 寸        | $\dashv$        | <del> </del> |          | $\Box$                                           |                    |               |              | •     | 103      |                                                  |          | $\dagger$ | +                                                | +                                                |               |   | 一                                                |
|          | 4        |           |                                                  | $\neg$   |               |          |                   |          |          |             |               |       | 54       |                 | $\dashv$ | 1               | $\top$       | 1        |                                                  |                    |               | •••Г         |       | 104      |                                                  | -        | $\dagger$ | 1                                                | $\vdash$                                         |               |   |                                                  |
|          | 5        | T         |                                                  |          |               |          |                   |          |          |             |               |       | 55       |                 |          |                 | $\top$       | 1        |                                                  |                    |               | ::: <b>:</b> |       | 105      |                                                  |          | 1         | <del>                                     </del> |                                                  |               |   | _                                                |
|          | 6        |           |                                                  |          |               |          |                   |          |          | - 1:        |               |       | 56       |                 | $\dashv$ |                 | $\top$       |          |                                                  |                    |               |              |       | 106      |                                                  |          | ╅         | +                                                |                                                  |               |   | -                                                |
|          | 7        |           |                                                  |          |               |          |                   |          |          | :           |               |       | 57       |                 |          |                 | 1            | _        | 1-1                                              |                    |               |              |       | 107      |                                                  |          | 1         | 1                                                | <del> </del>                                     |               |   |                                                  |
|          | 8        | T         | 1 1                                              |          |               |          |                   |          |          |             |               |       | 58       |                 | $\neg$   |                 |              |          |                                                  | $\neg$             |               | ∷⊹₽          |       | 108      |                                                  |          | +         | 1                                                | ╁                                                |               |   |                                                  |
|          | 9        | T         |                                                  |          |               |          |                   |          |          |             |               |       | 59       |                 |          |                 | 十            | 1        | 1 1                                              |                    | <b></b>  !!   |              |       | 109      |                                                  |          | 1         |                                                  |                                                  |               |   |                                                  |
|          | 10       |           | 1 1                                              |          |               |          |                   |          |          |             |               |       | 60       |                 |          |                 | 十            | 1        |                                                  |                    |               |              |       | 110      |                                                  |          | 1         | †                                                | †                                                |               |   |                                                  |
|          | 11       | +         |                                                  |          |               |          |                   |          |          |             |               |       | 61       |                 | $\dashv$ | $\neg \uparrow$ | $\dashv$     | $\dashv$ | 1                                                |                    |               | ∷∷ႃ          |       | 111      |                                                  |          | ┪         | +                                                | <del>                                     </del> | <del>  </del> |   |                                                  |
|          | 12       | +         |                                                  | $\dashv$ |               |          |                   |          | $\dashv$ |             |               | -     | 62       | 1               | $\dashv$ | $\top$          | _            | +-       | <del>                                     </del> | -                  |               |              |       | 112      |                                                  |          | +         | 1                                                | 1                                                |               |   |                                                  |
|          | 13       | $\dagger$ |                                                  | $\dashv$ |               |          |                   | $\vdash$ | _        | :           |               |       | 63       |                 | $\dashv$ |                 | +            | $\top$   | -                                                | -                  |               | ∷∷ႃ          |       | 113      |                                                  |          | +-        | 1                                                |                                                  |               |   |                                                  |
|          | 14       | +         |                                                  |          | $\dashv$      |          | H                 | $\vdash$ |          | ]:          |               | •     | 64       |                 | $\dashv$ | _               | +            | +        |                                                  | $\dashv$           | $\dashv$      | -            |       | 114      | <del>                                     </del> |          | +         | +-                                               | 1                                                | H             |   | $\vdash$                                         |
|          | 15       | +         |                                                  |          | $\dashv$      |          | H                 |          |          |             | :::: <b> </b> | _     | 65       |                 | +        |                 | +            | +        | $\Box$                                           | -                  | $\dashv$      | ∷:∤          |       | 115      |                                                  | $\dashv$ | +         | †                                                | †                                                | $\vdash$      |   | _                                                |
|          | 16       | +         |                                                  | $\dashv$ | $\dashv$      |          |                   | $\Box$   | +        | <b>−</b>  : |               |       | 66       |                 | $\dashv$ |                 | +            |          |                                                  | $\dashv$           |               | ::: <b> </b> |       | 116      | <del>  </del>                                    | _        | +         |                                                  | <del>                                     </del> |               |   |                                                  |
|          | 17       | $\dagger$ |                                                  |          |               |          |                   |          |          | 1:          |               |       | 67       |                 | 1        |                 | +            | +        | 1 1                                              | 1                  | <b>-</b>  !!! | ::: <b> </b> |       | 117      |                                                  |          | +         | +                                                | -                                                |               |   | <del>                                     </del> |
|          | 18       | 十         |                                                  | $\dashv$ | _             |          |                   |          |          | $\dashv$    |               |       | 68       | -               | 十        |                 | $\dashv$     |          |                                                  | $\dashv$           |               |              |       | 118      |                                                  |          | +         | +                                                |                                                  |               |   | $\vdash$                                         |
|          | 19       | $\dagger$ |                                                  |          | 一             |          |                   |          | -        | <b>—</b> 1: |               | _     | 69       |                 |          |                 | +            |          | ┼┼                                               |                    | $\dashv$ ::   | ∷∷⊾          |       | 119      |                                                  |          | +         | <del> </del>                                     | ļ                                                |               |   | $\vdash$                                         |
|          | 20       | ╅         |                                                  | $\dashv$ |               |          |                   |          | $\dashv$ |             |               |       | 70       | ┤               | -        | _               | +            | +        | <del>                                     </del> |                    |               |              |       | 120      |                                                  |          | ╁         | ┼─                                               | <del>                                     </del> |               |   |                                                  |
|          | 21       | +         | <del>                                     </del> |          |               |          |                   |          |          |             |               |       | 71       | $\vdash$        |          | _               | +            | +        | 1                                                | +                  |               | -            |       | 121      |                                                  |          | ╁         | -                                                | -                                                |               |   | <u> </u>                                         |
|          | 22       | +         | <del> </del>  -                                  | ┰┼       | $\dashv$      |          |                   | $\dashv$ | $\dashv$ |             |               |       | 72       | ┝╌┼             | +        | $\dashv$        | +-           | +        | $\vdash$                                         |                    |               | -            |       | 122      |                                                  |          | +         | -                                                | -                                                |               |   |                                                  |
|          | 23       | +         | 1                                                | $\dashv$ | ┰             |          |                   |          | $\dashv$ | :           |               |       | 73       |                 | $\dashv$ | $\dashv$        | +            | +        | 1                                                | -                  |               | -            |       | 123      |                                                  |          | ╁         | +                                                | $\vdash$                                         | -             |   |                                                  |
|          | 24       | +         |                                                  |          |               |          |                   |          | $\dashv$ | :           |               |       | 74       | ╁               |          |                 |              |          |                                                  |                    |               | -            |       |          | $\rightarrow$                                    |          | ╁         | -                                                | -                                                | + +           |   | _                                                |
|          | 25       | +         |                                                  | $\dashv$ |               | $\dashv$ |                   |          | -        |             |               |       | 75       | ╂─┼             |          |                 | +            |          | ╂╼╂                                              | $\dashv$           |               | -            |       | 124      |                                                  | $\dashv$ | ╁         | +                                                | $\vdash$                                         |               |   | <u> </u>                                         |
|          | <b>—</b> | +         |                                                  | $\dashv$ |               |          |                   | -        | $\dashv$ | $\dashv$    |               |       |          | ╂╼╾┼            | $\dashv$ | $\dashv$        | +            | +-       | ╂─┼                                              |                    |               | -            |       | 125      |                                                  |          | +         | +                                                |                                                  |               |   | —                                                |
|          | 26<br>27 | +         |                                                  | $\dashv$ | -             | $\dashv$ |                   |          | $\dashv$ | {           |               |       | 76       | $\vdash$        | -        | -               | +            | -        | <del> </del>                                     |                    | -{:::         | -            |       | 126      |                                                  | _        | ╁         | <del> </del>                                     | <del> </del>                                     |               |   | <u> </u>                                         |
|          | -        | +         |                                                  | $\dashv$ |               |          |                   |          | $\dashv$ |             |               |       | 77       | $\vdash \vdash$ | +        |                 | -}-          | -}       | 1                                                | _                  | {:::          | -            |       | 127      | $\dashv$                                         |          | ╀         | ┼                                                | ┢                                                |               |   |                                                  |
|          | 28       | 1         |                                                  |          |               |          |                   |          |          | $\dashv$    |               |       | 78       | $\vdash$        | $\dashv$ |                 |              |          |                                                  | -                  |               | · -          |       | 128      | $\dashv$                                         |          | ╁         |                                                  | -                                                |               |   |                                                  |
|          | 29       | <u>v</u>  | -                                                | -        |               |          | -                 |          | _        | [           |               |       | 79       |                 | $\dashv$ |                 |              | —        |                                                  |                    |               | -            |       | 129      |                                                  | _        | ╁         | -                                                | <del> </del>                                     |               |   | _                                                |
|          | 30       |           | ╂┷┼                                              | -        |               |          |                   |          | $\dashv$ |             |               |       | 80       |                 |          | -               |              | -        |                                                  | -                  | :::           | -            |       | 130      | -                                                |          |           | ┼                                                |                                                  |               |   |                                                  |
|          | 31       |           | ┞╼┼                                              |          | _             |          |                   |          | _        | :           |               |       | 81       |                 | -        | _               | - -          |          | $\vdash$                                         | $\rightarrow$      |               | -            |       | 131      |                                                  |          | <u> </u>  | <u> </u>                                         | _                                                |               |   |                                                  |
|          | 32       |           | ╀┵┼                                              | $\dashv$ |               |          |                   |          |          | :           |               |       | 82       |                 | -        | +               | - -          | -        |                                                  | -                  |               | -            |       | 132      | _                                                |          | ┦—        | -                                                | <u> </u>                                         |               |   | _                                                |
|          | 33       |           | $\vdash$                                         | $\dashv$ | _             |          |                   |          | -        | ];          | :::: <b>!</b> |       | 83       |                 | +        | +               | <del> </del> |          |                                                  | _                  | <b>—</b>  !!! | -            |       | 133      |                                                  | -        | -         | <del> </del>                                     | <del> </del>                                     | $\square$     |   |                                                  |
|          | 34       |           | <del> </del>                                     |          | _             |          | $\longrightarrow$ |          | -        |             |               |       | 84       | $\square$       | -        |                 | _            |          |                                                  | _                  | !!!           | -            |       | 134      |                                                  |          | 1         | _                                                | <u> </u>                                         |               |   |                                                  |
|          | 35.      |           |                                                  | _        | _             |          |                   |          | _        | :           | ∷∷⊦           |       | 85       | $\sqcup$        |          |                 | +            |          | $\vdash$                                         | $\perp$            |               | -            |       | 135      |                                                  |          | -         | <del> </del>                                     | <u> </u>                                         | $\square$     |   |                                                  |
|          | 36       |           | $\sqcup$                                         | $\dashv$ | _             |          |                   | _        |          | <b>—</b> [  | <b>.</b>      |       | 86       | $\square$       |          |                 | $\bot$       | +-       |                                                  |                    | _             |              |       | 136      |                                                  |          | -         | 1                                                | <u> </u>                                         |               |   |                                                  |
|          | 37       |           |                                                  |          | _             |          |                   | _        | _        | !:          |               |       | 87       |                 | _        |                 | $\bot$       | _        |                                                  | $\perp$            | _             | · · · L      |       | 137      |                                                  |          | <u> </u>  |                                                  | <u> </u>                                         |               |   |                                                  |
|          | 38       |           |                                                  |          | $\bot$        |          |                   | _        | $\bot$   | _           |               |       | 88       | $\square$       | _ _      | _               |              |          |                                                  |                    |               |              |       | 138      |                                                  |          |           |                                                  | <u> </u>                                         |               | · |                                                  |
|          | 39       |           |                                                  | $\bot$   | $\dashv$      |          |                   | $\perp$  | _        |             |               |       | 89       | $\square$       | $\bot$   |                 |              |          |                                                  |                    | _             |              |       | 139      |                                                  |          | _         | <u> </u>                                         | <u></u>                                          |               |   | -                                                |
|          | 40       |           | $\coprod$                                        |          |               |          |                   |          |          | :           |               |       | 90       | $\square$       |          | $\perp$         | $\bot$       |          |                                                  | $\perp$            | 1111          |              |       | 140      |                                                  |          | 1         | <u> </u>                                         | <u> </u>                                         |               |   | <del></del>                                      |
|          | 41       |           | <u> </u>                                         | $\bot$   |               |          | ļ                 |          |          | _           |               |       | 91       |                 | $\bot$   |                 | 丄            |          |                                                  | $\perp$            |               |              |       | 141      |                                                  |          |           |                                                  |                                                  |               |   |                                                  |
|          | 42       |           |                                                  | $\perp$  | _             |          |                   |          |          |             | :::: <b> </b> |       | 92       |                 |          |                 |              |          |                                                  | $\perp$            |               |              |       | 142      |                                                  |          |           |                                                  |                                                  |               | ] |                                                  |
|          | 43       |           |                                                  |          | ightharpoonup |          |                   | $\perp$  |          |             |               |       | 93       |                 |          |                 | $\bot$       |          |                                                  | $\perp \downarrow$ |               |              |       | 143      |                                                  |          |           |                                                  |                                                  |               |   |                                                  |
|          | 44       |           |                                                  | $\perp$  | $\dashv$      |          |                   |          |          | _ ∷         |               |       | 94       |                 |          |                 |              |          |                                                  |                    |               |              |       | 144      |                                                  |          |           |                                                  |                                                  |               |   |                                                  |
|          | 45       |           |                                                  |          |               |          |                   |          |          |             |               |       | 95       |                 |          |                 |              |          |                                                  |                    |               |              |       | 145      |                                                  |          |           |                                                  |                                                  |               |   |                                                  |
|          | 46       |           |                                                  |          |               | ]        | $\prod$           |          |          |             |               |       | 96       |                 |          |                 |              |          |                                                  |                    |               |              |       | 146      |                                                  |          |           |                                                  |                                                  |               |   |                                                  |
|          | 47       |           |                                                  |          |               |          |                   |          |          |             |               |       | 97       |                 |          |                 |              |          |                                                  |                    |               |              |       | 147      |                                                  |          |           |                                                  |                                                  |               |   |                                                  |
|          | 48       |           |                                                  |          |               |          |                   |          |          |             |               |       | 98       |                 |          |                 |              |          |                                                  |                    |               |              |       | 148      |                                                  |          |           |                                                  |                                                  |               |   |                                                  |
|          | 49       |           |                                                  |          |               |          |                   |          |          |             |               |       | 99       |                 |          |                 | 1            |          |                                                  |                    |               |              |       | 149      |                                                  |          | 1         |                                                  |                                                  |               |   |                                                  |
|          | 50       |           |                                                  |          |               |          |                   |          | $\dashv$ | :           | <b>-</b>      |       | 100      |                 | $\top$   |                 | 1            |          |                                                  | _                  |               |              |       | 150      |                                                  | 十        | T         |                                                  |                                                  |               |   |                                                  |